



March 12, 2021

SUPREME BEEF LLC
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SUBJECT: **Nutrient Management Plan** Review-Supreme Beef, LLC at 22578 Highway 18, Monona, Iowa.
AFO Facility ID# 71007

Dear Mr. Walz and Ms. Sexton,

On February 1, 2021 the Department of Natural Resources (DNR) received a Nutrient Management Plan (NMP) for the above referenced open feedlot facility. Public comments were also collected and considered for the NMP pertaining to whether the plan was submitted in accordance with applicable rules and whether the plan complies with provisions of the rules. DNR has reviewed the NMP as well as the public comments and is requesting that the following issues be clarified or addressed **within 10 days** of issuance of this letter:

1. The "dominant critical areas" of three (3) fields utilized in the RUSLE2 to generate the P index do not appear to have been selected correctly. The fields are identified in the plan as Home Farm Hay, June's, and Koether-Giard 35. DNR acknowledges the NMP indicates that Home Farm Hay and June's are not expected to receive manure during the current crop rotation due to the absence of adequate soil samples. The RUSLE2 and P indices of Home Farm Hay and June's will need to be rerun and the plan updated prior to any manure application on the fields. Koether-Giard 35 is expected to receive manure during the current crop rotation in the plan. Therefore, DNR is requiring that the P index of this field be recalculated utilizing corrected RUSLE2 inputs as discussed above.
2. The RUSLE2 calculations assume a minimal amount of tillage and there doesn't appear to be any variation among different field owners. The DNR is requiring documentation or written verification that this portion of the RUSLE2 calculations have been verified and are an accurate reflection of planned tillage practices.

Please feel free to contact me at brian.jergenson@dnr.iowa.gov or 563/608-6749 with any questions or concerns.

Sincerely,

Brian Jergenson
Environmental Specialist Senior

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